

11/10/03

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. 59154-AZ/JPW/GJG	Serial No. Not Yet Known
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)								Applicant Virginia W. Cornish	
								Filing Date November 10, 2003	Group

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number						Date	Name	Class	Subclass	Filing Date if Appropriate
HP		5	7	3	6	3	4	3	April 7, 1998	Landry		
		5	4	6	8	6	1	4	Nov. 21, 1995	Fields et al.		
		5	3	1	4	8	1	7	May 24, 1994	Schultz, P.		
		5	1	9	4	5	9	4	March 16, 1993	Kwawli et al.		

## FOREIGN PATENT DOCUMENTS

		Document Number						Date	Country	Class	Subclass	Translation		
		9	9	1	0	5	1	0				Yes	No	
HP		9	9	1	0	5	1	0	March 4, 1999	WO				
		9	9	1	0	5	0	8	March 4, 1999	WO				
		9	8	1	3	3	5	3	April 2, 1998	WO				
		9	7	3	1	1	1	3	August 28, 1997	WO				
		9	6	3	0	5	4	0	October 3, 1999	WO				
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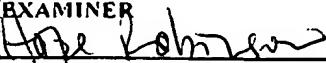
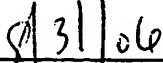
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HP	Austin DJ, et al. Proximity versus allosteric: the role of regulated protein dimerization in biology. 1994. Chem Biol. 1(3): 131-6
	Belshaw PJ, et al. Controlling protein association and subcellular localization with a synthetic ligand that induces heterodimerization of proteins. 1996. Proc. Natl Acad Sci USA 93(10):4604-7
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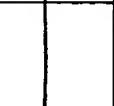
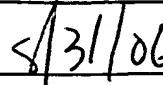
EXAMINER Hope Robinson DATE CONSIDERED 8/30/03

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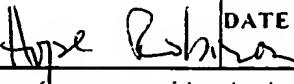
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							<b>Yes</b>
							<b>No</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Ho SN, et al. Dimeric ligands define a role for transcriptional activation domains in reinitiation. 1996. Nature. 382(6594):822-6						
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	Hung DT, et al. Understanding and controlling the cell cycle with natural products. 1996. Chem. Biol. 3:623-639						
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							Yes      No
<b>OTHER DOCUMENTS (Including Author; Title, Date, Pertinent Pages, Etc.)</b>							
	Pedersen H, et al. A method for directed evolution and functional cloning of enzymes. 1998. Proc. Natl. Acad. Sci. USA 95:10523-10528						
	Prusky MN, et al. Mechanistic studies of a signaling pathway activated by the organic dimerizer FK1012. 1994. Cbem. Biol. 1:163-172						
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Stockwell BR, et al. TGF-beta-signaling with small molecule FKBP12 antagonists that bind myristoylated FKBP12-TGF-beta type I receptor fusion proteins. 1998. Chem Biol.						
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	Search Report dated May 14, 2001 corresponding PCT International Application No.						
	PCT/US01/02285						
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Form PTO-1449 (Substituted)  
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO. 59154-AZ-JPW/GJG  
SERIAL NO.  
Not Yet KnownINFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)APPLICANT  
Virginia W. CornishFILING DATE  
November 10, 2003  
GROUP ART UNIT

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

*A* Amara, J. F. et al.: A versatile synthetic dimerizer for the regulation of protein-protein interactions, Proc. Natl. Acad. Sci. USA, Vol. 94, 1997, pages 10618-10623;

*J* PCT International Search Report dated July 17, 2003 corresponding to PCT International Application No. PCT/US02/40943;

*H* Pollock et al. Demerizer-regulated gene expression. Current Opinion in Biotechnology (2002) 13:459-467;

*C* Lin, H., et al. Dexamethasone-Methotrexate: An Efficient Chemical Inducer of Protein Dimerization In Vivo. 2000. J.Am.Chem.Soc. 122:4247-4248; .

*V* Kopytek, S.J., et al. Chemically Induced Dimerization of Dihydrofolate Reductase by a Homobifunctional Dimer of Methotrexate. 2000. Chem Biol. 7:313-321;

*S* Firestone, S.M., et al. Using an AraC-Based three-hybrid system to detect biocatalysts in vivo. 2000. Nature Biotechnology. 18, 544-547;

*D* Pelletier, J.N., et al. Oligomerization domain-directed reassembly of active dihydrofolate reductase from rationally designed fragments. 1998. Proc.Nati.Acad.Sci.USA. 95, 12141-12146;

*CAN* Ladant, D., Karimova, G. Genetic systems for analyzing protein-protein interactions in bacteria. 2000. Res. Microbiol. 151, 711-720;

*U.S.* Serial No. 10/056,874 filed January 24, 2002;

*PG PUB* 20020168185

*U.S.* Serial No. 10/084,388 filed February 25, 2002; and

*PG PUB* 20030138785

*U.S.* Serial No. 10/132,039 filed April 24, 2002.

*Patent No.* 7,083,918

EXAMINER *John R. Shinn*DATE CONSIDERED *8/31/06*

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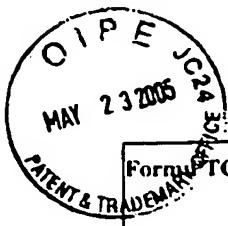
**Applicants:** Virginia Cornish  
**Title:** AN IN VIVO SCREEN USING CHEMICAL INDUCERS OF DIMERIZATION  
**U.S. Serial No.** 10/705,644  
**Filed:** November 10, 2003  
**Exhibit A**



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**Serial No.:** 10/705,644  
**Filed:** November 10, 2003  
**Exhibit A**



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<b>Applicant: Virginia W. Cornish</b>		
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## **U.S. PATENT DOCUMENTS**

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